

TABLE H.2.1-3.—*Mixed Low-Level Waste at Y-12 Plant*

Waste Matrix	Number of Waste Streams	Inventory as of December 31, 1992 (m <sup>3</sup> )	Number of Waste Streams Five-Year Projection	Total Generation Five-Year Projection (m <sup>3</sup> )
<b>Contact-Handled</b>				
Aqueous liquids/slurries	3	40	3	123
Organic liquids	4	314	4	383
Homogeneous solids	7	6,520	6	1,300
Soils/gravel	6	6,420	3	7
Debris waste	11	147	11	120
Labpacks	2	<1	None	None
Special waste	7	11	4	5
Other	3	9	1	<1
<b>Total</b>	<b>43</b>	<b>13,461</b>	<b>32</b>	<b>1,938</b>

Source: DOE 1995gg.

TABLE H.2.1-4.—*Hazardous Waste Treatment Capability at Y-12 Plant*

Treatment Unit	Treatment Method(s)	Input Capability	Output Capability	Total Capacity (m <sup>3</sup> /yr)	Comment
Plating Rinsewater Treatment Facility (Bldg. 9623)	Chemical treatment followed by filtration.	Liquid industrial and hazardous wastes	Treated wastewater discharged through NPDES outfall	144,000	RCRA permit-to-rule. NPDES permit. Capacity based on maximum treatment in 1993.
Steam Plant Wastewater Facility	Cyanide destruction, pH adjustment, electrochemical chrome reduction, carbon adsorption and filtration.	Liquid hazardous (plating rinsewater) and mixed LLW	Treated wastewater discharged through Central Pollution Control Facility NPDES outfall and solids to West Tank Farm	144,000	RCRA permit-by-rule. NPDES permit. Capacity based on maximum treatment in 1993.

Source: DOE 1994n; DOE 1995gg; OR MMES 1995c.